Stereospecific Detection Technologies
Reagents beyond the chemistry

SDT GmbH • Pascalstraße 17
52499 Baesweiler • Germany
www.sdt-reagents.de

Product Specification

Product Name: **Universal IHC Diluent/Blocker/Stabilizer**

Code: **#UDBS**

Lot Number: 734244

Storage: +2°C/+8°C(recommended), protect from light

Expiration date: 02/2026

Appearance: Transparent - to - opalescent white/yellowish colloidal liquid, 0.2/0.45µm-filterable

(Phospho)protein content: 1,375% (w/v, process-determined)

pH: 7,2 - 7,4

Preservative/biocide: 5-Bromo-5-nitro-1,3-dioxane, 1000 ppm

QC release (ELISA-based blocking/boosting activity use test): Passed

Recommended use and description:
Universal reagents recommended for diluting all AmpliStain™ detection system components (StrongZyme™ conjugates, HistoLinker™ reagents) and also primary antibodies. UDBS contains dedicated bright-spectrum antimicrobial IVD preservative/biocide (BND), casein colloid as an efficient blocker of "amorphous" protein-protein NSB, non-ionic detergent, peroxidase and general protein stabilizers and antioxidants. UDBS will maintain working strength conjugate stable >>1 year at +4°C and also longer time (at least up to 6 months) at ambient/room temperature (<25°C) making it dependable and consistent in performance when running continuous daily immunostaining work. UDBS does not contain animal serum components. Should extra immunoglobulin block improve IHC test performance please apply block using e.g. normal goat or horse serum at 5-10%.

Note:
This product is for in vitro research or further IVD manufacturing use only.
We recommend using UDBS per se, modifications as e.g. further diluting, etc. are not recommended.